07/01/04

PATENT APPLICATION DOCKET NO.: 1733.1068-008

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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James R. Dasch and M. Gary I. Riley

Application No.:

10/758,717

Group Art Unit:

1654

Filed:

January 16, 2004

Examiner:

Not Assigned

Confirmation No.:

6559

Title:

METHOD OF MODIFYING THE RELEASE PROFILE OF SUSTAINED

RELEASE COMPOSITIONS

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir

| SII. | |
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| This I | Information Disclosure Statement is submitted: under 37 CFR 1.129(a), or (First/Second submission after Final Rejection) |
| [X] | under 37 CFR 1.97(b), or (Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, or a Request for Continued Examination). |
| [] | under 37 CFR 1.97(c) together with either: |
| | [] a Statement under 37 CFR 1.97(e), as checked below, or |
| | [] a \$180.00 fee under 37 CFR 1.17(p), or (After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first) |
| [] | under 37 CFR 1.97(d) together with: |
| | [] a Statement under 37 CFR 1.97(e), as checked below, and |
| | [] a \$180.00 fee under 37 CFR 1.17(p), or (Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee) |
| [] | under 37 CFR 1.97(i): Applicant requests that the IDS and cited reference(s) be placed in the application filewrapper. (Filed after payment of issue fee) |
| | |

| Statem | ent Und | <u>ier 3/ C</u> | FR 1.97(e) |
|--------|-----------------|--|---|
| [] | any cor | mmunic | information contained in this Information Disclosure Statement was first cited in station from a foreign patent office in a counterpart foreign application not more on the filing of this Information Disclosure Statement; or |
| [] | knowle | inication designs of the contract of the contr | formation contained in this Information Disclosure Statement was cited in a in from a foreign patent office in a counterpart foreign application, and, to the the undersigned, after making reasonable inquiry, no item of information containe tion disclosure statement was known to any individual designated in 37 CFR han three months prior to the filing of this Information Disclosure Statement. |
| Statem | ent Unc | ler 37 C | (Patent Term Adjustment) Applies to original applications (other than design) filed on or after May 29, 200 |
| [] | commu was no | unicatio t receiv | nformation contained in the Information Disclosure Statement was cited in a n from a foreign patent office in a counterpart application and this communication ed by any individual designated in § 1.56(c) more than thirty days prior to the formation Disclosure Statement. |
| [X] | Enclos | ed here | with is form PTO-1449: |
| | [] | Copies | s of the cited references are enclosed. |
| | | [X] | Since this application was filed after June 30, 2003, copies of issued U.S. patents and published U.S. applications are not required and are not being provided. |
| | [X] | Applic | of the cited references are enclosed except those entered in prior application, U.S ation Nos. 09/835,001 and 10/400,162, to which priority under 35 U.S.C. 120 is d. The earlier applications contain copies of the cited references. |
| | [] | The lis | sted references were cited in the enclosed International Search Report in a rpart foreign application. |
| | [] | The "c | oncise explanation" requirement (non-English references) for reference(s) [37 CFR 1.98(a)(3) is satisfied by: |
| | | [] | the explanation provided on the attached sheet. |
| | | [] | the explanation provided in the Specification. |
| | | [] | submission of the enclosed International Search Report. |
| | | [] | submission of the enclosed English-language version of a foreign Search Report and/or foreign Office Action. |
| | | [] | the enclosed English language abstract. |

| [] | A | pplic | ant requests that the following n | on-published pending appli | cations be considered: |
|------------------------|------------|----------------|---|--|---|
| Examiner's Initials | | | | | |
| | | | U.S. Patent Application No. [|], by [inventor(s)], filed [|], Docket No.: [] |
| | | | U.S. Patent Application No. [|], by [inventor(s)], filed [|], Docket No.: [] |
| | | | U.S. Patent Application No. [|], by [inventor(s)], filed [|], Docket No.: [] |
| | | | Examiner | Date | _ |
| | [|] | A copy of each above-cited app | olication, including the curr | ent claims, is enclosed. |
| | [|] | A copy of each above-cited app those entered in prior application 35 U.S.C. 120 is claimed. | plication, including the curron, U.S. Application No. [| ent claims, is enclosed, except], to which priority under |
| The E | xaı nce | minei s we | r is requested to return a copy of re considered with the next office | the above list of pending ape communication. | oplications indicating which |
| It is re | qu | ested | that the information disclosed h | nerein be made of record in | this application. |
| Metho | od (| of pay | yment: | | |
| [] | A | checcom | ck for the fee noted above is enc panying Reply. A copy of this S | losed, or the fee has been ir Statement is enclosed. | cluded in the check with the |
| [] | P e | lease nclos | charge Deposit Account 08-038 ed. | 30 in the amount of \$[|]. A copy of this Statement is |
| [X] | P | lease | charge any deficiency in fees ar | nd credit any overpayment t | o Deposit Account 08-0380. |
| | | | 1 | Respectfully submitted, | |
| | | | 1 | HAMILTON, BROOK, SM | ITH & REYNOLDS, P.C. |
| | | |] | By Susan M. Abelleira Registration No.: 42,252 Telephone: (978) 341-003 Facsimile: (978) 341-013 | rellection. |

Concord, MA 01742-9133
Dated: July 01, 2004

PTO-1449 REPRODUCED

IN AN APPLICATION

July 1, 2004

(Use several sheets if necessary)

| | | | Sheet 1 01 3 |
|-----|---|------------------------------|---------------|
| ION | ATTORNEY DOCKET NO. 1733.1068-008 | APPLICATION NO. 10/758,717 | |
| | FIRST NAMED INVENTOR James R. Dasch, et al. | FILING DATE January 16, 2004 | |
| | EXAMINER Not Assigned | CONFIRMATION NO. 6559 | GROUP 1654 |

| | AUEL | U.i | S. PATENT DOCUMENTS | <u> </u> |
|-------------------------------|-------------|--|--|--|
| EXAM- INER INI- TIAL | REF. NO. | DOCUMENT NUMBER Number-Kind Code (if known) | ISSUE DATE / PUBLICATION DATE MM-DD-YYYY | NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT |
| | AA | 4,746,654 | 05/24/88 | Breliere, et al. |
| | AB | 4,922,007 | 05/01/90 | Kieczykowski, et al. |
| | AC | 5,019,651 | 05/28/91 | Kieczykowski |
| | AD | 5,196,409 | 03/23/93 | Breuer, et al. |
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| | AF | 5,412,141 | 05/02/95 | Nugent |
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| PTO-1449 REPRODUCED | ATTORNEY DOCKET NO. 1733.1068-008 | APPLICATION NO. 10/758,717 | | |
| INFORMATION DISCLOSURE CITATION IN AN APPLICATION | FIRST NAMED INVENTOR James R. Dasch, et al. | FILING DATE January 16, 2004 | | |
| July 1, 2004 (Use several sheets if necessary) | EXAMINER Not Assigned | CONFIRMATION NO. 6559 | GROUP 1654 | |

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| EXAM- INER INI- TIAL | REF. NO. | DOCUMENT NUMBER Number-Kind Code (if known) | ISSUE DATE / PUBLICATION DATE MM-DD-YYYY | NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT |
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INFORMATION DISCLOSURE CITATION IN AN APPLICATION

July 1, 2004

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| ATTORNEY DOCKET NO. 1733.1068-008 | APPLICATION NO. 10/758,717 | |
| FIRST NAMED INVENTOR James R. Dasch, et al. | FILING DATE January 16, 2004 | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|--|--------------------|--|---------------|-----------------------|--|--|
| | DOCUMENT NUMBER Country Code-Number-Kind Code (if known) | DATE MM-DD-YYYY | NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT | TRANSI YES | TRANSLATION YES NO | | |
| AL | WO 97/07788 | 06/03/97 | Alkermes Controlled Therapeutics, Inc. | | | | |
| AM | EP 709 085 A1 | 01/05/96 | Takeda Chemical Industries, Ltd. | | | | |
| AN | | | | | | | |
| AO | | | | | | | |
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| AR | Dunn, C.J., et al., "Demonstration of Novel Anti-Arthritic and Anti-Inflammatory Effects of Diphosphonates," Journal of Pharmacology and Experimental Therapeutics, 266(3):1691-1698 (1993). | |
| AS | Van Gelder, J. M., et al., "In Vitro and in Vivo Effects of Tetrakisphosphonates on Bone Resorption, Tumor Osteolysis, Ectopic Calcification, and Macrophages," <i>Journal of Pharmaceutical Sciences</i> , 86(3):283-289 (1997). | |
| AT | Nugent, R.A., et al., "Pyrazoline Bisphosphonate Esters as Novel Antiinflammatory and Antiarthritic Agents," J. Med. Chem., 36:134-139 (1993) | |
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| AX | Barbier, A., et al., "Studies on the Chronic Phase of Adjuvant Arthritis: Effect of SR 41319, A New Diphosphonate," Annals of the Rheumatic Diseases, 45:67-74 (1986). | |
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| | OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) |
|-----|---|
| AU2 | Francis, M.D., et al., "NE-58095: A Diphosphonate Which Prevents Bone Erosion and Preserves Joint Architecture in Experimental Arthritis," Int. J. Tiss. Reac., XI(5):239-252 (1989). |
| AV2 | Daoud, A.S., et al., "The Effect of Ethane-1-Hydroxy-1,1-Diphosphonate (EHDP) on Necrosis of Atherosclerotic Lesions," Atherosclerosis, 67:41-48 (1987). |
| AW2 | Camilleri, J.P., et al., "The Effect of Free and Liposome-Encapsulated Clondronate on the Hepatic Mononuclear Phagocyte System in the Rat," Clin. Exp. Immunol., 99(2):269-275 (1995). |
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| AY2 | Van Rooijen, N., et al., "Depletion and Repopulation of Macrophages in Spleen and Liver of Rat After Intravenous Treatment with Liposome-Encapsulated Dichloromethylene Diphosphonate," Cell Tissue Res., 260(2):215-222 (1990). |
| AZ2 | Delemarre, F.G.A., et al., "Repopulation of Macrophages in Popliteal Lymph Nodes of Mice After Liposome-Mediated Depletion," <i>Journal of Leukocyte Biology</i> , 47(3):251-257 (1990). |
| AR3 | Storm, T., et al., "Effect of Intermittent Cyclical Etidronate Therapy on Bone Mass and Fracture Rate in Women with Postmenopausal Osteoporosis," New England Journal of Medicine, 322(18):1265-1271 (1990). |
| AS3 | Ralston, S.H., et al., "A Double Blind Placebo-Controlled Trial of Diphosphonate (APD) Therapy in Rheumatoid Arthritis-Preliminary Results," <i>Calcified Tissue</i> , Supplement to Vol. 42, p. A23, Abstract No. 90 (1988). |
| AT3 | Markusse, H.M., et al., "Bisphosphonates in Collagen Arthritis," Rheumatology International, 9(6):281-283 (1990). |
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